

# Material Safety Data Sheet

KKK  
NONE

Emergency Phone  
708-438-1800

## Section 1

TRADE NAME

DEARCIDE 722

PRODUCT TYPE

Cooling Water Treatment

CODE IDENT.

14-222

DOT SHIPPING NAME

Compound Industrial Process Water Treating, Liquid

## Section 2

Poly (oxyethylene (dimethyliminio)  
ethylene (dimethyliminio) ethylene-  
dichloride)

CAS NUMBER

31075-24-8

%

15.0

EXPOSURE CRITERIA

Not established

Inert ingredients

NA

85.0

Not established

HMIS 1-0-0

EPA REGISTRATION NO. 4643-15

## Section 3

### Physical Data

BOILING POINT, 760 mm Hg	> 212 F	MELTING POINT	NA
FREEZING POINT	32 F	VAPOR PRESSURE	21 mm Hg
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	1.02	SOLUBILITY IN H <sub>2</sub> O	Appreciable
VAPOR DENSITY (AIR = 1)	ND	EVAPORATION RATE, (Bu Ac = 1)	< 1
% VOLATILES BY VOLUME	ND	pH	6.0

APPEARANCE & ODOR

Light brown liquid, slight aromatic odor

## Section 4 Fire & Explosion Hazard Data

FLASH POINT (& METHOD USED)

NA, water-based product

FLAMMABLE LIMITS IN AIR % BY VOLUME

LOWER

NA

UPPER

NA

AUTO IGNITION

TEMPERATURE

NA

EXTINGUISHING MEDIA:

FOAM

CO<sub>2</sub>

DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES:

Firefighters should wear full protective gear including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARD:

Non known

## Section 5 Reactivity Data

STABILITY (NORMAL CONDITIONS)

Stable

CONDITIONS TO AVOID

Not determined

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO<sub>2</sub>, oxides of nitrogen

611-15298

TREV

HAZARDOUS POLYMERIZATION

Will not occur

CONDITIONS TO AVOID

Not applicable

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**Section 6** **Health Hazard Information**

## TOXICITY INFORMATION:

No TLV established for product, see section 2 for component information.

## EFFECTS OF OVEREXPOSURE:

INHALATION: Prolonged inhalation of mist may irritate nose and throat.

INGESTION: May be harmful if swallowed.

SKIN CONTACT: Mildly irritating to skin.

## EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove affected persons to fresh air and treat symptoms.

INGESTION: If conscious, give two glasses of water and then induce vomiting. Contact physician at once.

SKIN CONTACT: Wash off skin with soap and water. Remove contaminated clothing and wash before reuse.

EYE CONTACT: Flush with plenty of water for 15 minutes and seek medical attention.

**Section 7** **Special Protection Information**

## VENTILATION REQUIREMENTS

Use adequate mechanical ventilation.

## RESPIRATORY PROTECTION (SPECIFY TYPE)

None special

## EYE PROTECTION

Goggles

## GLOVES

Impervious

## OTHER PROTECTIVE CLOTHING AND EQUIPMENT

Long sleeve work shirt and pants.

**Section 8** **Spill/Leak Procedures**

## STEPS TO TAKE IF MATERIAL IS RELEASED OR SPILLED

Wear protective clothing. Soak up on an inert absorbent material. Place in container for disposal.

## WASTE DISPOSAL METHOD

Triple rinse empty containers into system using the product and dispose of containers per EPA-DOT regulations. Dispose of material according to EPA Hazardous Waste regulations.

**Section 9** **Special Precautions**

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Protect from freezing and physical damage.

## OTHER PRECAUTIONS

For industrial use only. Keep out of reach of children.

PREPARED BY: S. Morss

DATE: 9/19/90

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